wrapped around the handles (**18**) of the flushing system for storage, as shown in FIG. **6**. The power cord (**27**) can also be wrapped around the handles (**18**) for storage in the same manner as the hoses (**60**, **70**). If necessary, the filter (**52**) can be removed from the filter system (**50**), cleaned or replaced.

While the present disclosure has been described by references to specific embodiments, it will be apparent that other alternative embodiments and methods of implementation or modification may be employed without departing from the scope of the disclosure.

The invention claimed is:

1. A sealed and self-contained tankless water heater flushing system comprising

a holding basin,

a cover lid for the holding basin, securable to the holding basin,

a submersible pump, contained within the holding basin for pumping an acidic solution through the sealed and self-contained tankless water heater flushing system,

a submersible pump hose, secured from the submersible pump to a discharge opening in the cover lid of the holding basin,

a filter system, secured within the holding basin to a filter opening in the cover lid of the holding basin, wherein the filter system comprises a filter for filtering solid substances from the sealed and self-contained tankless water heater flushing system during a flushing process, and a fitting and tubing system secured to the filter opening of the holding basin and to the filter,

a discharge hose, for connecting the discharge opening to the sealed and self-contained tankless water heater flushing system, and

a filter hose, for connecting the filter opening to the sealed and self-contained tankless water heater flushing system.

2. The tankless water heater flushing system of claim **1**, wherein the filter of the filter system is secured to the fitting and tubing system by a quick disconnect device.

3. The tankless water heater flushing system of claim **2**, wherein the quick disconnect device is selected from the group consisting of a snap ring, hose clamp, or other securing systems for securing the filter to the fitting and tubing system.

4. The tankless water heater flushing system of claim **1**, wherein the filter comprises a flexible mesh filter with filtration capability down to 200 microns.

5. The tankless water heater flushing system of claim **1**, wherein the filter is removable from the flushing system for cleaning or replacement.

6. The tankless water heater flushing system of claim **1**, wherein the filter system permits returned liquid to bypass the filter and return to the holding basin without damage to the filter or submersible pump, even if the filter is full of solid substances.

7. The tankless water heater flushing system of claim **1**, further comprising a handle secured to the cover lid, with at least a portion of the handle located above the cover lid.

8. The tankless water heater flushing system of claim **7**, wherein the handle is used for storage of the discharge hose, the filter hose and a power cord.

9. The tankless water heater flushing system of claim **1**, wherein the holding basin further comprises a transparent or substantially transparent window in a portion of the holding basin.

10. The tankless water heater flushing system of claim **1**, wherein the holding basin and the cover lid are manufactured of materials which are corrosion resistant to acidic liquids.

11. The tankless water heater flushing system of claim **1**, wherein the cover lid is sealed to the holding basin prior to a flushing process to limit the discharge of a gas or a liquid spill from within the holding basin.

12. The tankless water heater flushing system of claim **1**, wherein the submersible pump is tested to operate at temperatures of at least 130° F. for at least three hours under continuous operation with a flow rate of at least two gallons per minute.

13. The tankless water heater flushing system of claim **1**, wherein the holding basin and cover lid contain an access connection to add liquids to and remove liquids from the holding basin.

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